

1/15

A

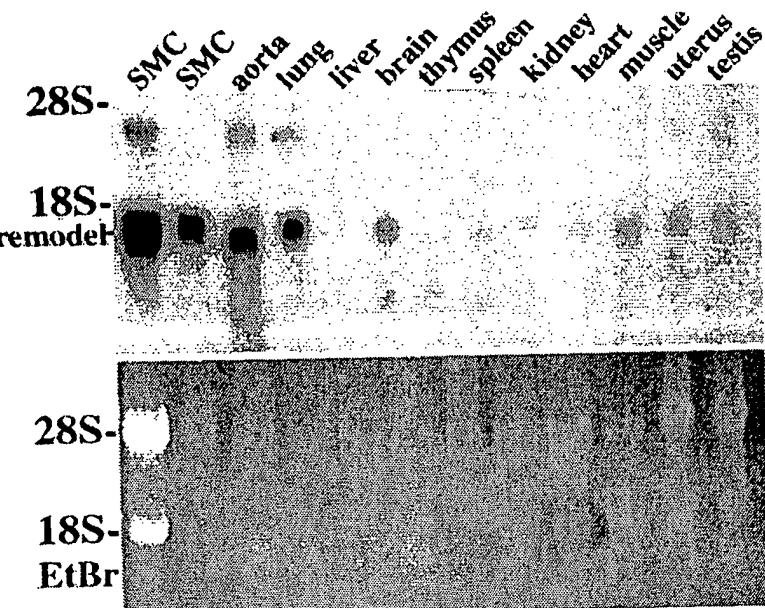


FIG1A-1

28S-
18S-
EtBr

FIG1A-2

B 8 day
bal. carotid
nor. carotid

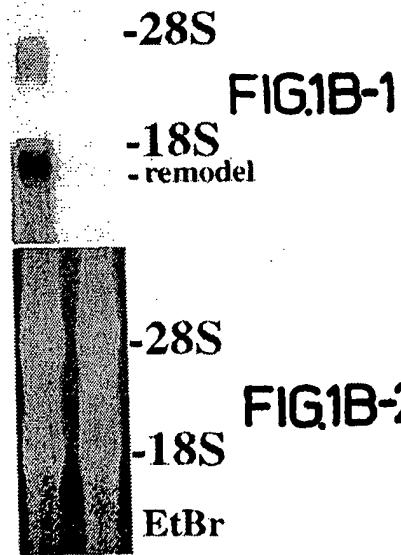


FIG1B-1

-remodel

FIG1B-2

EtBr

C

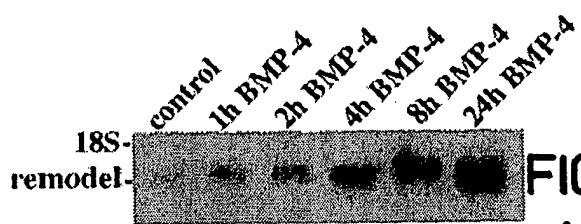


FIG1C-1



FIG1C-2



FIG1C-3

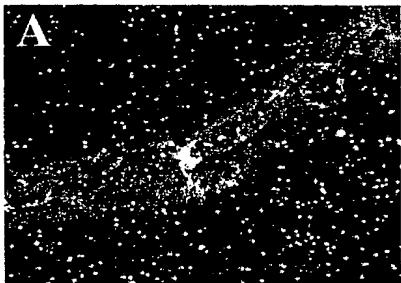


FIG.2A

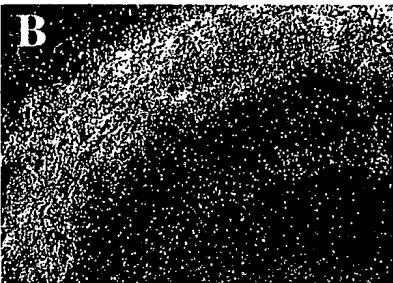


FIG.2B

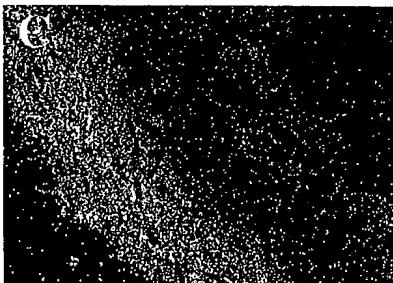


FIG.2C

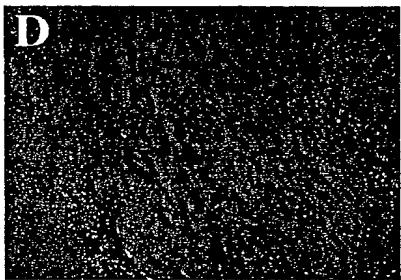


FIG.2D

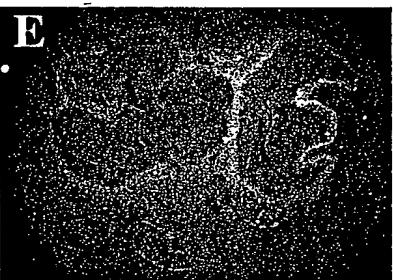


FIG.2E

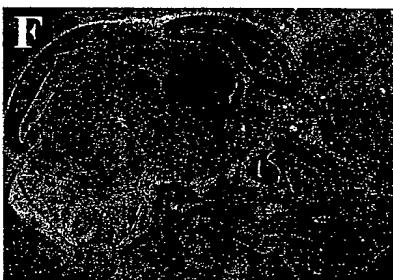


FIG.2F

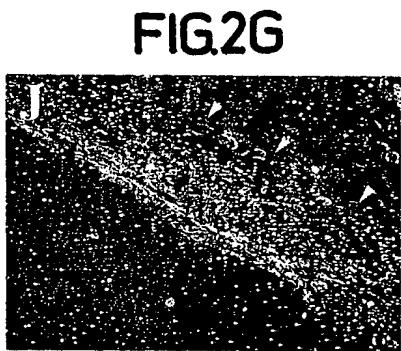
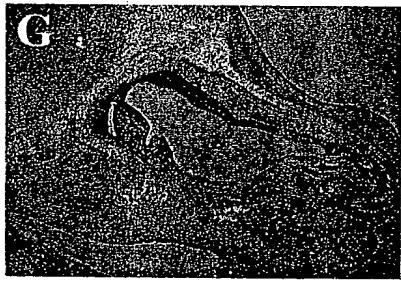


FIG.2J

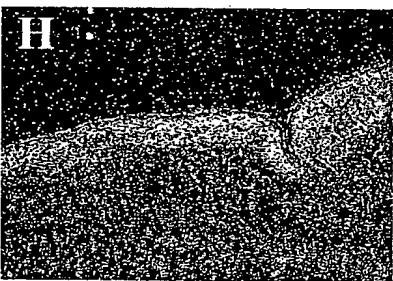


FIG2H



FIG.2I

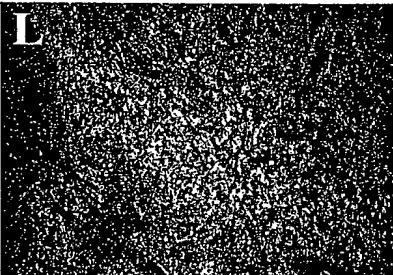


FIG.2L

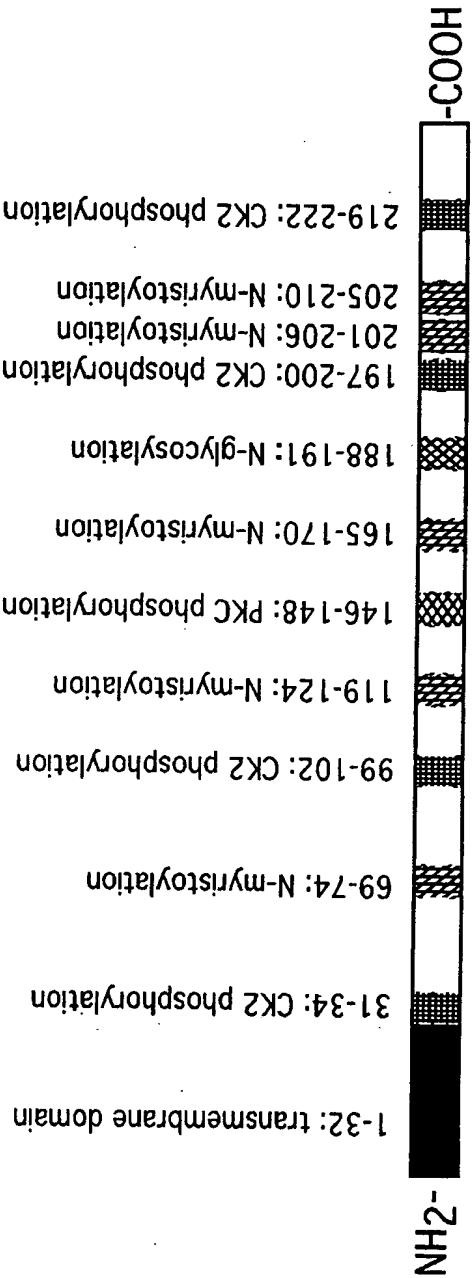


FIG3

4/15

	30	40	50	60	70	
Rat	ATGCGGCCGGCCGCAGAGCTGGC	-----	CAGACGCTGAGCAGGGCCGGCTCTGCCGAC			
Human	ACGAGGGCGGCCTCGGAGCGCGGAGCCAGACGCTGACCACGTTCT	-CTCCTCGGT				
	10	20	30	40	50	60
	80	90	100	110	120	130
Rat	CCCTTGCCTCCTGCTCTGCCTCGCAGCTACCGCACACG	ATG	CACCCCCAAGGCCGCG			
Human	TCCCTCCGCTCCAGCTCCCGCCTGCCCGAGCC	ATG	CGACCCCAGGGCCCCG			
	70	80	90	100	110	120
	140	150	160	170	180	190
Rat	CCGCCTCCCCACAGCTGCTCGCCTCTTCCTTGCTACTGCTGCTCTGCAGCTGT					
Human	CCGCCTCCCCCAGCGGCTCCGCGCCTCCT	-----	GCTGCTCCTGCTGCTGCAGCTGC			
	130	140	150	160	170	
	200	210	220	230	240	250
Rat	CCGCGCCGTCCAGCGCCTCTGAGAATCCAAGGTGAAGCAAAAGCGCTGATCCGGCAGA					
Human	CCGCGCCGTGAGCGCCTCTGAGATCCCCAAGGGGAAGCAAAAGGCGCAGCTCCGGCAGA					
	180	190	200	210	220	230
	260	270	280	290	300	310
Rat	GGGAAGTGGTAGACCTGTATAATGGATGTGCCTACAAGGACCAGCAGGAGTTCTGGTC					
Human	GGGAGGTGGTGGACCTGTATAATGGAATGTGCTTACAAGGGCCAGCAGGAGTGCCTGGTC					
	240	250	260	270	280	290
	320	330	340	350	360	370
Rat	GCGATGGGAGCCCTGGGGCAATGGCATTCTGGCACACCGGAAATCCAGGTGGGATG					
Human	GAGACGGGAGCCCTGGGGCAATGGCATTCCGGTACACCTGGATCCCAGGTGGGATG					
	300	310	320	330	340	350
	380	390	400	410	420	430
Rat	GATTCAAAGGAGAGAAAGGGAGTGCTTAAGGGAAAGCTTGAGGAATCCTGGACCCAA					
Human	GATTCAAAGGAGAAAAGGGGAATGTCTGAGGGAAAGCTTGAGGAATCCTGGACACCCA					
	360	370	380	390	400	410
	440	450	460	470	480	490
Rat	ACTACAAGCAGTGTTCATGGAGTTCACTTAATTATGGCATAGATCTTGGAAAATTGCGG					
Human	ACTACAAGCAGTGTTCATGGAGTTCAATTGAGATCTTGGAAAATTGCGG					
	420	430	440	450	460	470
	500	510	520	530	540	550
Rat	AATGTACATTACAAAGATGCGATCCAACAGCGCTCTCGAGTTCTGTTCAAGTCAGTGGCTCGC					
Human	AGTGTACATTACAAAGATGCGTTCAAATAGTGTCTAAGAGTTTGTTCAAGTCAGTGGCTCAC					
	480	490	500	510	520	530
	560	570	580	590	600	610
Rat	TTCGGCTCAAATGCAGGAATGCTTGCTGTCAACGCTGGTATTTCACCTTAATGGAGCTG					
Human	TTCGGCTAAAATGCAGAAATGCATGCTGTCAGCGTTGGTATTTCACATTCAATGGAGCTG					
	540	550	560	570	580	590
	620	630	640	650	660	670
Rat	AATGTTCAGGACCTCTTCCCATTGAAGCTATCATCTATCTGGACCAAGGAAGCCCTGAGT					
Human	AATGTTCAGGACCTCTTCCCATTGAAGCTATAATTATGGACCAAGGAAGCCCTGAAA					
	600	610	620	630	640	650
	680	690	700	710	720	730
Rat	TAAATTCAACTATTAATTCATCGTACTTCCCTCGTGGAGGACTCTGTGAAGGGATTG					
Human	TGAATTCAACAATTAAATTCATCGCACTTCTGTGGAGGACTTTGTGAAGGAATTG					
	660	670	680	690	700	710
	740	750	760	770	780	790
Rat	GTGCTGGACTGGTAGACGTGGCCATCTGGGTGGCACCTGTTCAAGATTACCCAAAGGAG					

FIG4A

5/15

Human GTGCTGGATTAGTGGATGTTGCTATCTGGGTTGGCACTGTCAGATTACCCAAAAGGAG
720 730 740 750 760 770
800 810 820 830 840 850
Rat ACGCTTCTACTGGGTGGAATTCTGTGTCCCGCATCATCATTGAAGAACTACCAAAATAAA
Human ATGCTTCTACTGGATGGAATTCAAGTTCTCGCATCATTATTGAAGAACTACCAAAATAAA
780 790 800 810 820 830
860 870 880 890 900 910
Rat GCCCCTGAAGGTTTCATTCCCTGCCTCATTACTTGTAAATCAAGCCTCTGGATGGTC
Human TGCTTAAT--TTTCATTGCTACCTCTTTT-----ATTATGCCTTGGATGGTC
840 850 860 870 880
920 930 940 950 960 970
Rat ATTTAAATGACATTCAGAAGTCACCTATGTGCTCAGCCAAATGAAAAAGCAAAGTTAAA
Human ACTTAAATGACATTTA-AATAAGTTATGTATACTGAATGAAAA-GCAAAGCTAAA
890 900 910 920 930 940
980 990 1000 1010 1020 1030
Rat TACGTTTACAGACCAAAAGTGTGATCTCACACT---TTAACAGATCTAGCATTATCCATTAA
Human TATGTTTACAGACCAAAAGTGTGATTCACACTGTTTAAATCTAGCATTATTCAATTG
950 960 970 980 990 1000
1040 1050 1060 1070 1080
Rat TTTCAACCAAAGATGGTTCAAGGATTATTCTCATT--GATTACTTTG-----
Human CTTCAATCAAAAGTGGTTCAATATTAGTTAGTTGGTTAGAATACTTCTCATAGTCA
1010 1020 1030 1040 1050 1060
1090 1100 1110 1120 1130
Rat -----AGCCTATATACCGGAATGCTGTTATAGTCTTAATATTCCTACT-GTTGA
Human CATTCTCTCAACCTATAATTGGAATTGTTGGCTTTGTTCTTAGTATA
1070 1080 1090 1100 1110 1120
1140 1150 1160 1170 1180
1180
Rat -CATTGAAACA--TATAAAAGTTATG--TCTTGTAAGAGCTGTATA-----GAATT
Human GCATTTTAAAAAAATATAAAAGCTACCAATCTTGACAATTGAAATGTTAAGAATT
1130 1140 1150 1160 1170 1180
1190 1200 1210 1220
Rat ATTT---ATATGTTAAATAAA---TGCTTCAAACAA
Human TTTTTATATCTGTTAAATAAAATTATTCACCAA
1190 1200 1210 1220

FIG4A-1

6/15

Rat:	1	MHPQGRAASPQLLGLFLVLLLIQLSAPSSASENPKVKQKALIQRREVVDLYNGMCLQG M+PQG+AASPQ+L+GL+++LLLLQL+APSSASE+PK+KQKA++RQREVVDLYNGMCLQG MRPQGPAAASPQRLRGL--LLLLLQLPAPSSASEIPLFKGKQKALRQREVVDLYNGMCLQG	60
Human:	1		58
Rat:	61	PAGVPGRDGSPGANGIPGTPGIPGRDGFKGEKGECLRESFEESWTPNYKQCSWSLNYGI PAGVPGRDGSPGANGIPGTPGIPGRDGFKGEKGECLRESFEESWTPNYKQCSWSLNYGI PAGVPGRDGSPGANGIPGTPGIPGRDGFKGEKGECLRESFEESWTPNYKQCSWSLNYGI	120
Human:	59		118
Rat:	121	DLGKIAECKFTKMRNSNSALRVLFSGSLRLKCRNACCCRWYFTFNGAECGPLPIEAIYL DLGKIAECKFTKMRNSNSALRVLFSGSLRLKCRNACCCRWYFTFNGAECGPLPIEAIYL DLGKIAECKFTKMRNSNSALRVLFSGSLRLKCRNACCCRWYFTFNGAECGPLPIEAIYL	180
Human:	119		178
Rat:	181	DQGSPELNSTINIHRTSSVEGLCEGIGAGLVDAIIWVGTCSDYPKGDASTGWNSVSRII DQGSPE+NSTINIHRTSSVEGLCEGIGAGLVDAIIWVGTCSDYPKGDASTGWNSVSRII DQGSPEMNSTINIHRTSSVEGLCEGIGAGLVDAIIWVGTCSDYPKGDASTGWNSVSRII	240
Human:	179		238
Rat:	241	EELPK 245	
Human:	239	EELPK 243	

FIG4B

MRPAAEELGQTLISRAGILCRPLCLLCAQLPHTMHPQGRAASSPQLLGLFLVLLQL
SAPSSASENPKVVKOKALIIRQREVVDLYNGMCLQGPAGVPGRDGSPGANGIPGTPGIPG
RDGFHKGEKGECLRESFEESWTPNYKQCSWSSLNYGIDLGKIAECTFTKMRSSNSALRVL
FSGSLRLKCRNACCQQRWYFTENGAECSGPLPIEAIIYLDQGSPELNSTINHRTSSVE
GLCEGIGAGLVVDVAIWVGTCSDYPKGDASTGWNSVSRRIIEELPK

FIG4C

8/15

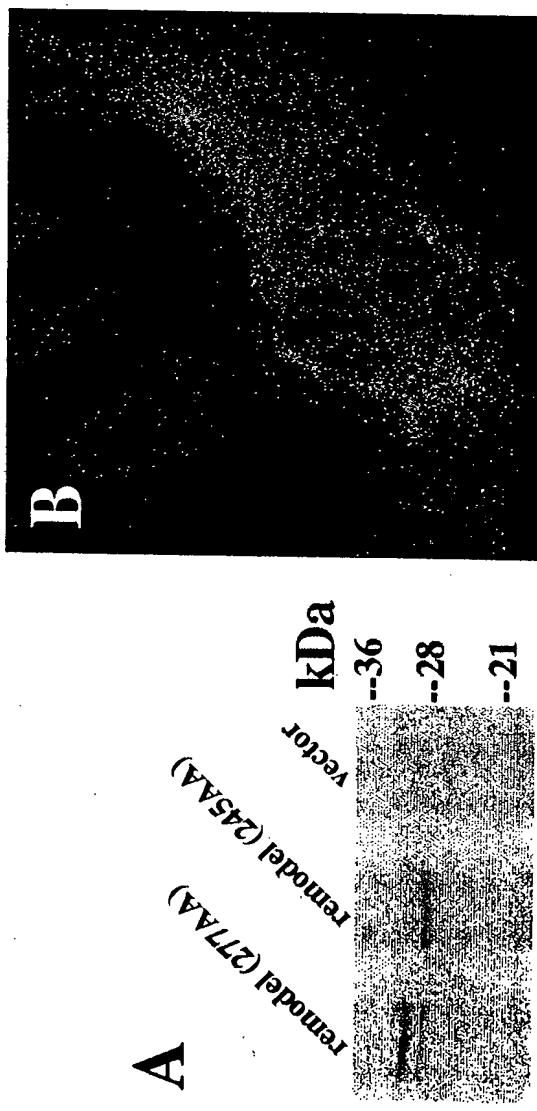


FIG5A

FIG5B

FIG5C

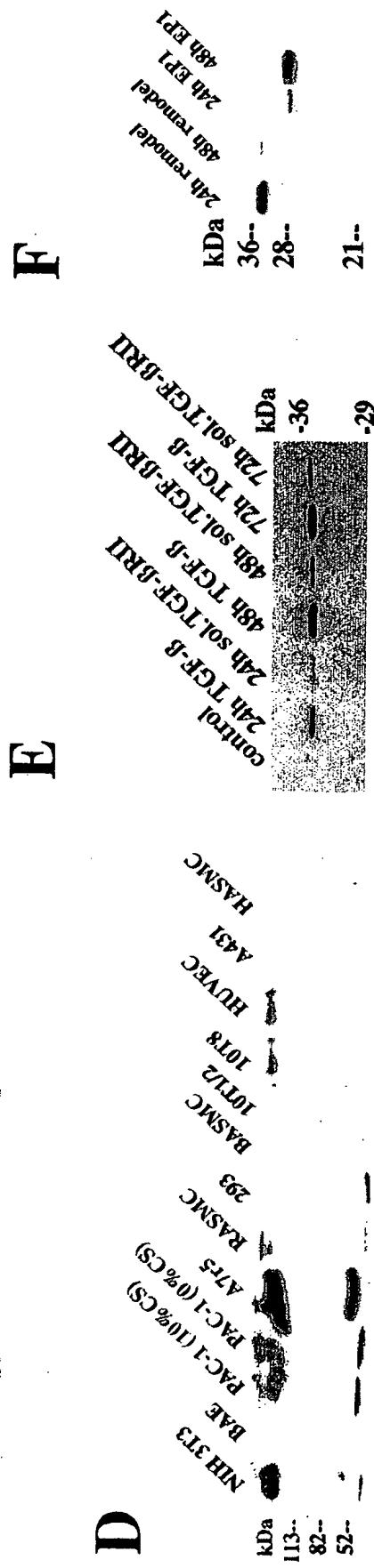


FIG5D

FIG5E

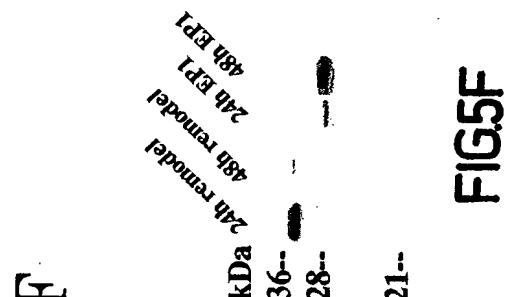


FIG5F

9/15

FIG.6A

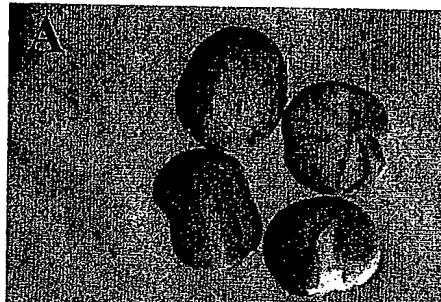


FIG.6B

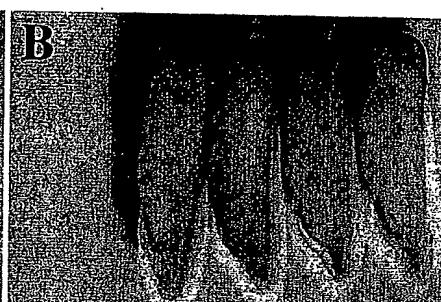


FIG.6C

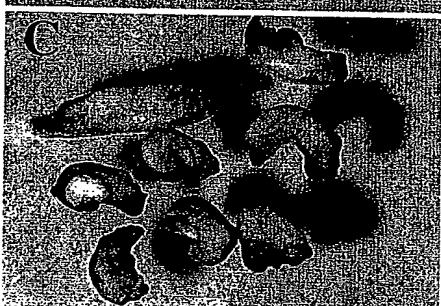


FIG.6D

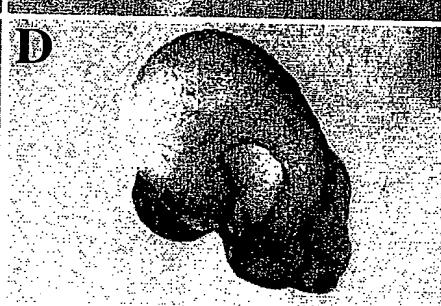
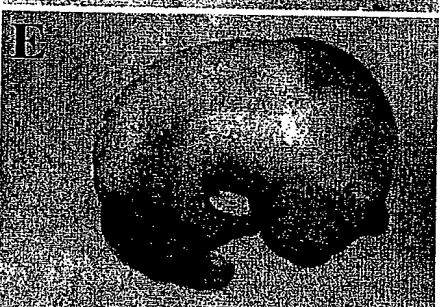


FIG.6E



10/15

ATG GCCCCCAAGG CGCGGCCGCC TCCCCACAGC TGCTGCTCGG CCTCTTCCTT GTGCTACTGC
TGGTTCTGCA GCTGTCCGGG CCGTCCAGCG CCTCTGAGAA TCCCAAGGTG AAGCAAAAAG
CGCTGATCCG GCAGAGGGAA GTGGTAGACCC TGTATAATGG GATGTGCCTA CAAGGACCAG
CAGGAGTTCC TGGTCCGGAT GGGAGCCCTG GGGCCAATGG CATTCCCTGGC ACACCGGGAA
TCCCAGGTCG GGATGGATTG AAAGGAGAGA AAGGGGAGTG CTAAAGGAA AGCTTGAGGG
AATCCCTGGAC CCCAAACTAC AAGCAGTGT CATGGAGTTT ACTTAATTAT GGCATAGATC
TTGGGAAAT TGCGGAATGT ACATTCAAA AGATGGGATC CAACAGGGCT CTTCGAGTTC
TGTTCAGTGG CTCGCTTCGG CTCAAATGCA GGAATGCTTG CTGTCAACGC TGGTATTTTA
CCTTTAATGG AGCTGAATGT TCAGGACCTC TTCCCATTGA AGCTATCCTC TATCTGGACC
AAGGAAGCCC TGAGTTAAAT TCAACTATTA ATATTCATCG TACTTCCTCC GTGGAAAGGAC
TCTGTGAAGG GATTTGGTAG GGACTGGTAG ACGTGGCCAT CTGGGTGGGC ACCTGTTCAAG
ATTACCCAA AGGAGACGCT TCTACTGGGT GGAATTCTGT GTCCCGCATC ATCATTGAAG
AACTACCAA A

FIG7

11/15



FIG8C

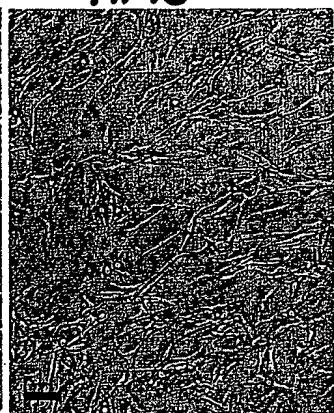


FIG8F



FIG8I

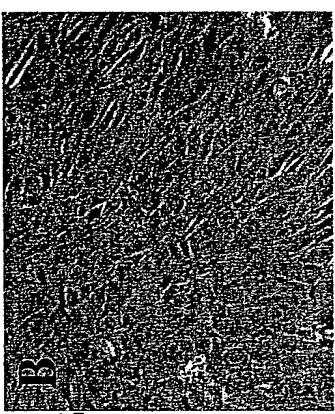


FIG8D

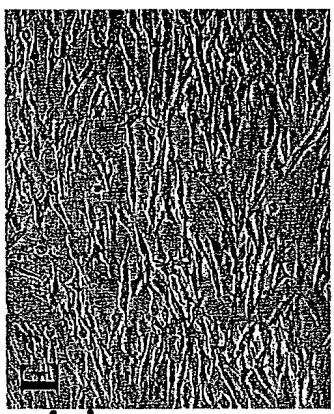


FIG8E



FIG8H

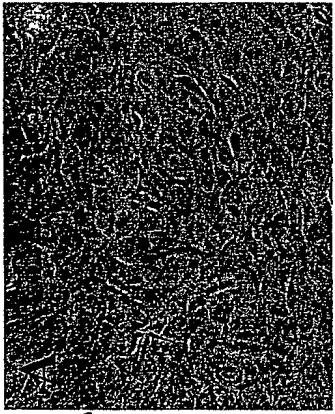


FIG8A

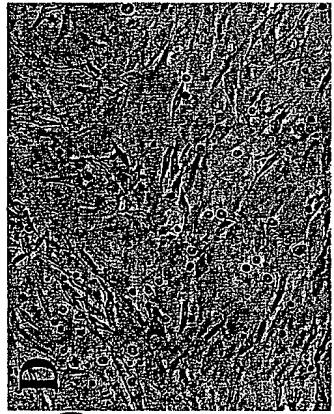


FIG8D

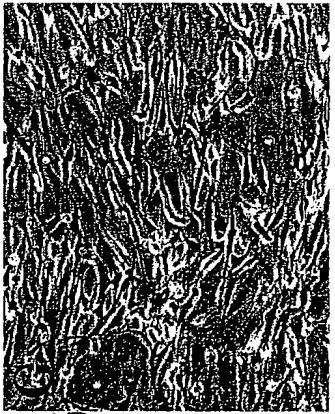


FIG8G

12/15

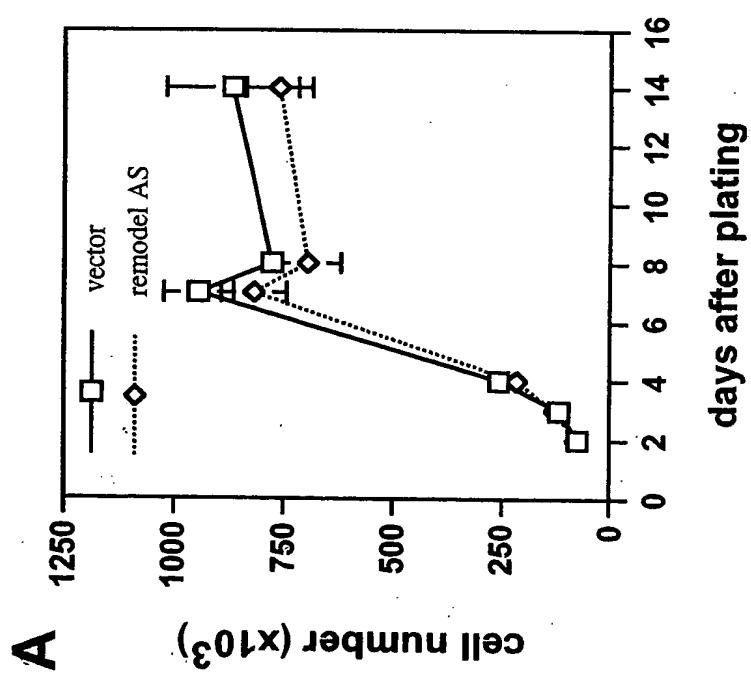
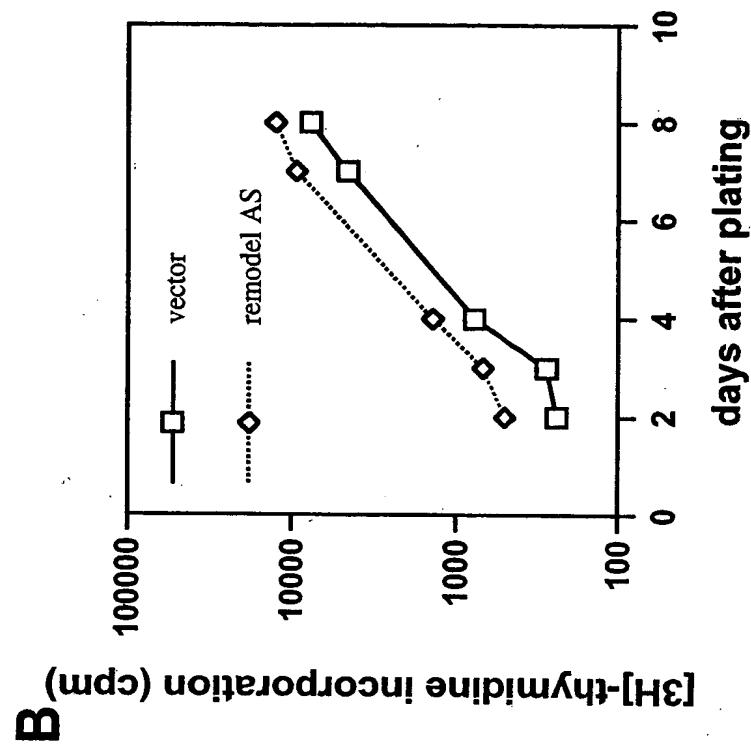


FIG.9A

FIG.9B

13/15

A

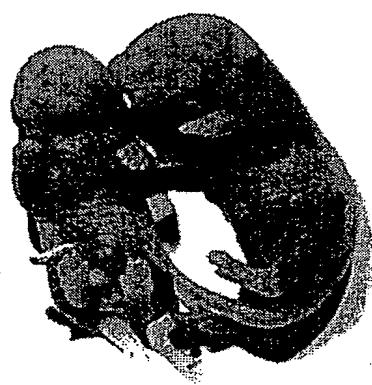


FIG10A

B

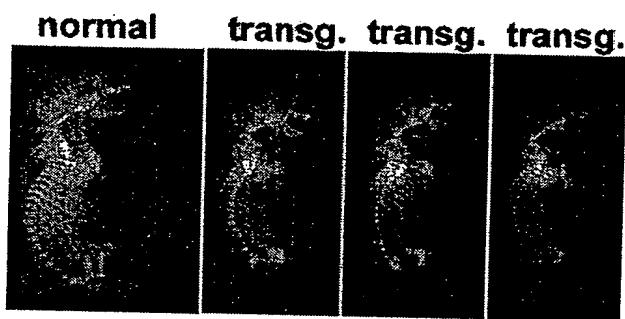


FIG10B

C



FIG10C

14/15

FIG.11A



FIG.11B

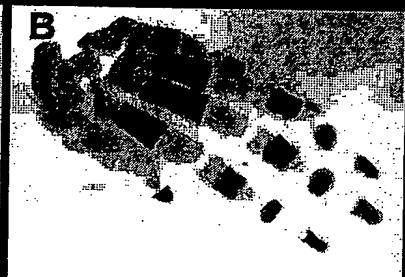


FIG.11C



FIG.11D

FIG.11E



FIG.11F



FIG.11G

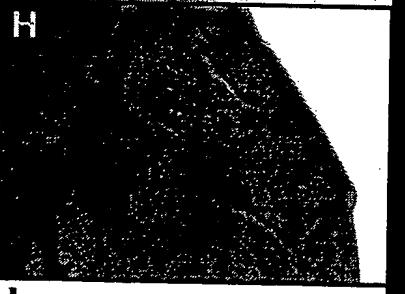


FIG.11H

FIG.11I



FIG.11J

15/15

CCACCCAGUAGGAAGGGUCUCCUTUGGGUAUUCUGAACAGGGUGCCGACCCAGGAUGGGCC
ACGUCUACCAUCCAGCACCAAUCCCTUCACAGGUCCUTCCACGGAGGAAGGUACGAU
GAAUAUAAUAGTUGAAUUUUAUCUAGGGCUTCCUTUGGUCCAGAUAGAUGAUAGCUUC
AAUGGGAAAGAGGUCCUGAACAUUCAGCUCCAUUAAGGUAAAUAUACCAGGGTUGACAG
CAAGCAAUCCUGCAUTUTUGAGCGGAAGGGAGGCCACUGAACAGAACUCCGAAGAGGGCUGU
UGGAUCGGCAUCUUUGUGAAUGUACAUUCGGCAAUUUUCGCCAAGGAUCUUAUGCCAUAAU
AAGUGAACUCCAUUGAACACUGCUUGUAGUTUGGUAGUTUGGGGUCCAGGAUUCUCAAAGCUU

FIG. 12